

In the Claims:

Please amend claims 15, 27, and 43, as follows:

15. (Once Amended) A catheter assembly, comprising:

an elongate catheter; and

an expandable electrode body mounted proximate one end of the catheter, the electrode body configured to form a pronounced ring when expanded, the pronounced ring defining a primarily distal facing surface of the electrode body, wherein the distal facing surface includes an area configured to emit radio frequency (RF) energy.

22. (Once Amended) The catheter assembly of claim 15, wherein the pronounced ring further defines a primarily proximal facing surface, and wherein substantially all of the distal facing surface and the distal region is conductive, and wherein substantially all of the proximal facing surface is non-conductive.

27. (Once Amended) A catheter assembly, comprising:

an elongate catheter; and

an expandable electrode body mounted proximate one end of the catheter, the electrode body configured to form an enlarged circumferential region and a region distal to the circumferential region when expanded, the circumferential region having a maximum circumference greater than a maximum circumference of the distal region, the circumferential region defining a primarily distal facing surface of the electrode body, wherein the distal facing surface includes an area configured to emit radio frequency (RF) energy.

34. (Once Amended) The catheter assembly of claim 27, wherein the enlarged circumferential region further defines a primarily proximal facing surface, and wherein substantially

all of the distal facing surface and the distal region is conductive, and wherein substantially all of the proximal facing surface is non-conductive.

43. (Once Amended) A catheter assembly, comprising:

an elongate catheter; and

an expandable electrode body mounted proximate one end of the catheter, the electrode body configured to form a pronounced ring and a region distal to the pronounced ring when expanded, the pronounced ring defining a primarily distal facing surface of the electrode body, wherein the distal facing surface includes an area configured to emit radio frequency (RF) energy.

50. (Once Amended) The catheter assembly of claim 43, wherein the pronounced ring further defines a primarily proximal facing surface, and wherein substantially all of the distal facing surface and the distal region is conductive, and wherein substantially all of the proximal facing surface is non-conductive.

Please add the following new claims 59-61:

59. (New) The catheter assembly of claim 15, wherein the distal facing surface extends along a plane perpendicular to a longitudinal axis of the elongate catheter.

60. (New) The catheter assembly of claim 27, wherein the distal facing surface extends along a plane perpendicular to a longitudinal axis of the elongate catheter.

61. (New) The catheter assembly of claim 43, wherein the distal facing surface extends along a plane perpendicular to a longitudinal axis of the elongate catheter.